



Challenges for Information Access Providing, Protecting and Preserving



THE INSIDER THREAT



The Insider Threat



- Types of Threats Posed
- Trusted Insiders and Their Targets
- Espionage Agents
- Who They are and What Motivates Them?

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THE INSIDER THREAT

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PURPOSE

- **SENSITIZE YOU TO
POTENTIAL THREAT POSED
BY TRUSTED INSIDER**
- **FOCUS ON UNAUTHORIZED
DISCLOSURES AND ESPIONAGE**

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OVERVIEW

- **THREATS**
- **TARGETS**
- **THE INSIDER**
- **ESPIONAGE**
- **MOTIVATIONS**
- **INDICATORS**
- **SUMMARY**

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INSIDER THREATS

- **VIOLENCE IN THE WORKPLACE**
 - PHYSICAL
 - VERBAL
- **CRIMINAL ACTS**
- **CYBER**
 - DENIAL OF SERVICE
 - HACKING
- **UNAUTHORIZED DISCLOSURES**
 - UNWITTING
 - WITTING

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UNAUTHORIZED DISCLOSURES

DEFINITION:

**A COMMUNICATION OR PHYSICAL
TRANSFER OF INFORMATION TO
AN UNAUTHORIZED RECIPIENT**



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TYPES OF INFORMATION

- **PROPRIETARY**
- **COMPANY PRIVATE**
- **COMPETITION SENSITIVE**
- **PRIVACY ACT INFORMATION**
- **TAX INFORMATION**
- **SENSITIVE BUT UNCLASSIFIED**
- **CLASSIFIED**

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TARGETS

- **GOVERNMENT**

- COMPETITION SENSITIVE
- TAX INFORMATION
- SBU
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- **PRIVATE SECTOR**

- PROPRIETARY
- COMPANY PRIVATE
- TRADE SECRETS

- **INDIVIDUALS**

- ID THEFT
- ACCOUNT NUMBERS (Credit Cards, Bank Accounts, etc.)

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THE INSIDER

- **UNWITTING AGENT**
 - **INADVERTANT DISCLOSURES**
 - **SOCIAL INTERACTIONS**
 - **“BAG OPERATIONS”**
 - **IMPROPER PROCEDURES**
 - **COMPUTER SECURITY**
 - **PHYSICAL SECURITY**
 - **INFORMATION SECURITY**



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THE INSIDER

- **WITTING AGENT**
 - **CONDUCTS ESPIONAGE**
 - **POLITICAL/MILITARY**
 - **INDUSTRIAL**
 - **ECONOMIC**
 - **TECHNOLOGICAL**



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ESPIONAGE

- **GROWTH BUSINESS**
 - **POST COLD WAR**
 - **EASY ACCESS**
- **NETWORK-CENTRIC WORLD**
 - **INFORMATION AGE**
 - **RATIONALIZES RELEASE/DISCLOSURE**



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ESPIONAGE

- **1947-2001: 150 AMERICANS ARRESTED/CONVICTED ***
- **MANY OTHERS UNINDICTED**
 - **INSUFFICIENT EVIDENCE**
 - **NATIONAL SECURITY REASONS**

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ESPIONAGE

- **CONDUCTED BY BOTH FRIENDS AND ENEMIES**
- **PAST 20 YEARS, AMERICANS SPIED FOR:**
 - **S. Korea, Taiwan, Philippines, Israel, Cuba, Greece, Saudi Arabia, Iraq, Jordan, Ghana, Liberia, S. Africa, El Salvador, Ecuador, Russia, China, former USSR and other Communist countries**



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TYPES OF AGENTS

- **VOLUNTEER**

- **RECRUITED**
 - **BY FAMILY MEMBER**
 - **BY HOSTILE INTELLIGENCE SERVICE**
 - **COERSION**
 - **ENTRAPMENT**



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PERSONAL ATTRIBUTES *

(1947-2001)

- **MALE 93%**
- **WHITE 84%**
- **20-29 YEARS OLD 40%**
- **HIGH SCHOOL GRADUATE 39%**
- **MARRIED 57%**
- **HETEROSEXUAL 95%**
- **NATURAL BORN 83%**
- **NO FOREIGN ATTACHMENTS 56%**

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EMPLOYMENT STATUS *

(1947-2001)

- **CIVILIAN 51%**
 - **CIVIL SERVANT 18%**
 - **GOVN'T CONTRACTOR 24%**
 - **OTHER CIVILIAN 9%**

- **UNIFORMED MILITARY 49%**
 - **E1-E3 9.3%**
 - **E4-E6 25.0%**
 - **E7-WO 9.3%**
 - **Officer 5.4%**

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CLEARANCES *

(1947-2001)

- **TOP SECRET W/SCI 15%**
- **TOP SECRET 35%**
- **SECRET 21%**
- **CONFIDENTIAL 3%**
- **NONE HELD WHILE ACTIVE 26%**

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MOTIVATION *

(1947-2001)

Primary

(Secondary)

- **MONEY 56%** (23%)
- **DIVIDED LOYALTIES 17%** (9%)
- **DISGRUNTLEMENT 13%** (25%)
- **INGRATIATION 10%** (14%)
- **COERCION 3%** (3%)
- **THRILLS 1%** (19%)
- **RECOGNITION** (7%)



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INDICATORS

- **INDICATIONS OF DISLOYALTY TO U.S.**
- **EMOTIONAL, MENTAL, PERSONALITY DISORDERS**
- **UNREPORTED FOREIGN TRAVEL**



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INDICATORS

-
- **CLOSE OR CONTINUING ASSOCIATION WITH NON-US CITIZENS**
 - **ALCOHOL/DRUG ABUSE**
 - **UNEXPLAINED AFFLUENCE**
 - **FINANCIAL IRRESPONSIBILITY**



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INDICATORS

- **WILLFUL VIOLATION OF SECURITY REGULATIONS**
- **COERCION, BLACKMAIL OR RECRUITMENT ATTEMPTS**
- **UNAUTHORIZED DISCLOSURES OR LEAKS TO MEDIA**



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SUMMARY

- **MULTIPLE INSIDER THREATS**
 - **PHYSICAL**
 - **CRIMINAL**
 - **CYBER**
 - **ESPIONAGE**
- **NETWORK-CENTRIC WORLD**
 - **INFORMATION AGE**
 - **ESPIONAGE WIDESPREAD**



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SUMMARY

- **SECURITY IS AN INDIVIDUAL RESPONSIBILITY**
 - **PROMOTE GOOD SECURITY**
 - **PROTECT INFORMATION**
 - **REPORT BREECHES/VIOLATIONS**
 - **BE ALERT TO INDICATORS**
 - **REPORT CHANGES/ADVERSE BEHAVIOR**
- **WE ARE ALL POTENTIAL TARGETS**

